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PHOTOGRAPHIC INTERPRETATION REPORT



MISSION C475C
26 AUGUST 1965

NPIC/R-321/65
OCTOBER 1965

GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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WARNING

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

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PREFACE

This summary report contains additional information on "new" and "change" and order of battle information on all targets listed in the mission index (MI) for this mission.

Section I provides a description of "new" targets; those newly identified or known but reported for the first time by NPIC.

Section II provides a description of "change" targets; previously reported installations showing a major change or those where an analysis of current photography furnishes more precise information.

Section III provides information on targets where order of battle can be identified.

When there are no "new" or "change" targets, or order of battle information, the appropriate section is omitted.

"New" and "change" targets are arranged 1) by country, 2) within the country according to subject, 3) within the subject by WAC area, and 4) within the WAC area by geographic coordinates in ascending order. Order of battle information is arranged 1) by subject, 2) within the subject according to country, 3) within the country by WAC area, and 4) within the WAC area by geographic coordinates in ascending order.

The map base used (when available and applicable) for the derivation of coordinates is the latest edition of the US Air Target Chart, Series 200, or AMS Series L509 1:250,000 (China); or ONC; or AMS Series 1301, IMW (Tibet, Western China).

The header line for each target contains, reading from left to right, the target name, the geographic coordinates,

the World Aeronautical Chart number, the Bombing Encyclopedia (BE) number, and the NPIC target number.

The COMOR target number, when available, appears above the photo reference data.

Photo reference data includes frame numbers and symbols denoting limiting conditions, photo interpretability, target coverage, and the mode.

Symbols for limiting conditions affecting photography are C (Clear), SC (Scattered Cloud Cover), HC (Heavy Cloud Cover), H (Haze), CS (Cloud Shadow), S (Snow), O (Obliquity), SD (Semidarkness), GC (Ground Cover), CF (Camouflage), and GR (Ground Resolution).

Interpretability of the photography is categorized as G (Good), F (Fair), or P (Poor). Target coverage is denoted by the symbols T (Total) or PT (Partial). The mode of coverage is indicated by ST (Stereo), NS (Non-Stereo), or PS (Partial Stereo).

When appropriate, an index follows "new" and "change" targets and another follows order of battle information, with targets in each index arranged alphabetically within a country.

AAA defenses are divided into three categories: light (ZPU-1, ZPU-2, ZPU-4, 37 mm), medium (57 mm, 85 mm), and heavy (100 mm and larger). The term HMGA (heavy machine gun anti-aircraft) indicates a weapon smaller than a ZPU-1. Where a category cannot be determined, the site will be listed as an AAA site and the number of guns indicated (example: 6-gun AAA site, occupied/unoccupied).

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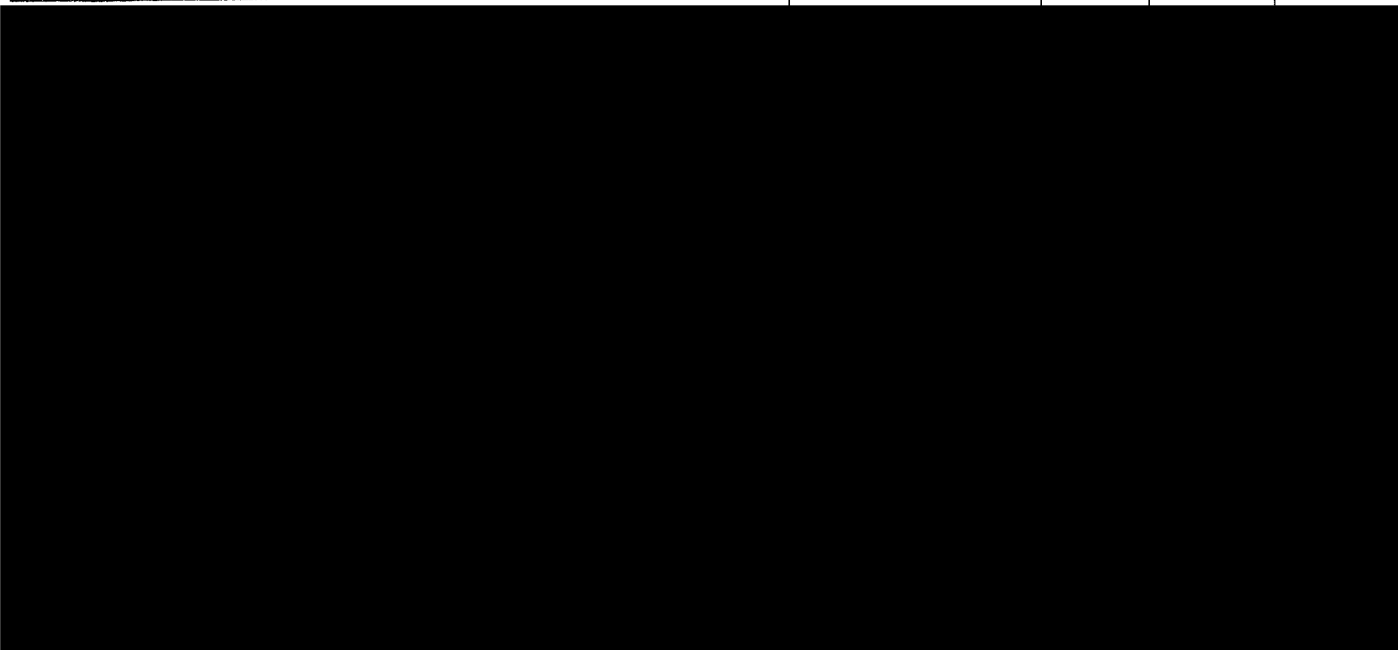

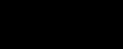
SECTION I

THIS SECTION PROVIDES A DESCRIPTION OF NEW TARGETS.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
-CHINA- <u>MILITARY INSTALLATION</u> 				
<u>ELECTRONICS/COMMUNICATIONS</u> LU-CHIAO RADAR SITE SITE CONTAINS A MOON CONE RADAR AND 2 CONTROL/ SUPPORT BUILDINGS. A POSSIBLY RELATED AREA 0.5 NM NNW CONTAINS 10 BARRACKS-TYPE, 1 ADMINISTRATION-TYPE, 16 STORAGE, AND SEVERAL SUPPORT BUILDINGS. 	2837N 12129E	0492	25X1A 	22-C

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	CHU-CHIA CHIEN RADAR SITE 1.2 NM ESE OF HSIAO-PENG-AN. SITE CONSISTS OF 1 SCR 270 AND 1 PROBABLE MOON CONE RADAR, 2,000 FEET APART, EACH WITH A CONTROL/SUPPORT BUILDING. A SUPPORT AREA IMMEDIATELY WEST CONTAINS 2 LARGE BARRACKS-TYPE AND 4 SMALL SUPPORT BUILD- INGS. (SEE ATTACHMENT)	2949N 12224E	0492		60-A
25X1D	HSING-NING RADAR SITE 3 NM SSW OF HSING-NING. SITE CONSISTS OF 1 TOKEN-TYPE RADAR AND 12 SUP- PORT BUILDINGS.	2405N 11542E	0498		22-B
ILLEGIB	<u>RESEARCH</u> HSING-NING PROBABLE INSTITUTION AREA CONTAINS 27 MULTISTORY INSTITUTIONAL-TYPE	2415N 11544E	0498		22-A
25X1D	<u>COMPLEX</u> CHIU-HUA-HSIEN COMPLEX COMPLEX APPROXIMATELY 0.1 SQ MI IN AREA IS APPARENTLY RESIDENTIAL AND OF NO MILITARY SIGNIFICANCE. COMOR	2330N 11317E	0614		19-B

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-CHINA-</p> <p><u>MILITARY INSTALLATIONS</u></p> <p>HANG-CHOU BARRACKS AREA 3 6.8 NM SSW OF HANG-CHOU. AREA APPEARS TO BE A HOUSING DEVELOPMENT AND NOT ASSOCIATED WITH MILITARY ACTIVITY.</p>	3011N 12007E	0492	25X1A	16-G2
<p>HAO-SHIH MILITARY AREAS LARGE MILITARY COMPLEX APPROXIMATELY 10 SQ MI IN AREA SURROUNDING HAO-SHIH CONTAINS AT LEAST 200 PROBABLE BARRACKS, APPROXI- MATELY 50 LARGE STORAGE, NUMEROUS SMALL SUPPORT, AND AT LEAST 40 OTHER BUILDINGS IN VARIOUS STAGES OF CONSTRUCTION. EXTEN- SIVE GROUND SCARRING OBSERVED. EQUIPMENT -- AT LEAST 50 CARGO TRUCKS.</p>	2400N 11520E	0498		133
<p>SHANG-LO-TSUN SUPPLY DEPOT 5 NM SW OF HUI-YANG. INSTALLATION CONTAINS 35 STORAGE, AT LEAST 15 BARRACKS, 1 ADMINISTRATION, AND NUMEROUS SMALL SUPPORT BUILDINGS. A LARGE VEHICLE TRAINING AREA OBSERVED IM- MEDIATELY NE. EQUIPMENT -- 1 CARGO TRUCK.</p>	2302N 11420E	0614	25X1A	1

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<u>ELECTRONICS/COMMUNICATIONS</u>				
CHOU-SHAN RADAR SITE 7.5 NM ENE OF CHOU-SHAN. SITE CONTAINS A PROBABLE SCR 270 RADAR, A POSSIBLE TOKEN-TYPE RADAR, AND 10 SUPPORT BUILDINGS. [REDACTED]	3002N 12214E	0492		34-J
NING-PO AIRFIELD RADAR SITES TWO RADAR SITES REFERENCED FROM NING-PO AIR- FIELD. SITE A (SOUTH OF CENTER OF OLD N/S RUNWAY) -- 1 SCR 270 RADAR, 1 CONTROL/SUPPORT BUILDING, AND 1 VEHICLE. SITE B (AT WEST END OF E/W RUNWAY) -- 1 MOON CONE RADAR AND 1 CONTROL/SUPPORT BUILDING. [REDACTED]	2948N 12128E	0492	25X1A [REDACTED]	38-A1
<u>BASIC SERVICES</u>				
TUNG-KUAN HYDRO POWERPLANT AN CHIANG 7.5 NM NORTH OF SHOU-CHANG ON THE AN-CHIANG (RIVER). CONSTRUCTION ON DAM AND HYDRO POWERPLANT IS COMPLETED. TRANSFORMER YARD AND TRANSMISSION LINES ARE UNDER CONSTRUCTION. [REDACTED]	2929N 11913E	0493		30
<u>COMPLEX</u>				
YUNG-AN COMPLEX COMPLEX APPROXIMATELY 1.2 SQ MI IN AREA CON- TAINS RAILROAD YARD AND SHOPS, MINOR INDUS- TRIES, AND MINOR STORAGE FACILITIES. RAIL-SERVED POL STORAGE AREA 2 NM EAST CONTAINS 5 REVETTED TANKS.	2559N 11721E	0498		52-C

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>TWO SMALL AREAS 0.5 NM NORTH OF STORAGE AREA CONTAINS 12 STORAGE AND 9 SUPPORT BUILDINGS.</p>				

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SECTION II

THIS SECTION PROVIDES A DESCRIPTION OF PREVIOUSLY REPORTED TARGETS SHOWING CHANGE.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
-CHINA-				
<u>AIR</u>			25X1A	
25X1A LU-CHIAO AIRFIELD	2834N 12125E	0492		22
AIRCRAFT -- 22 FAGOT/FRESCO.				
25X1D COMOR [REDACTED]				
[REDACTED]				
25X1A CHANG-CHIAO AIRFIELD	2955N 12134E	0492		38-F
AIRCRAFT -- 3 BAT, 9 FARMER, 38 FAGOT/FRESCO				
(1 WITH TAIL ASSEMBLY REMOVED), 3 COLT, AND				
25X1A 4 MAX/MOOSE.				
25X1D COMOR [REDACTED]				
[REDACTED]				
25X1A HANG-CHOU AIRFIELD	3020N 12013E	0492		16-A
AIRCRAFT -- 16 BEAGLE, 24 FAGOT/FRESCO, AND				
25X1A 2 COLT.				
EQUIPMENT -- 21 TRUCKS.				
25X1D COMOR [REDACTED]				
[REDACTED]				
25X1A CHIA-HSING AIRFIELD	3043N 12041E	0492		7
AIRCRAFT -- APPROXIMATELY 24 SMALL SWEPT-WING,				
25X1A APPROXIMATELY 20 SMALL STRAIGHT WING, AND 10				
25X1D SMALL POSSIBLE.				
COMOR [REDACTED]				
[REDACTED]				

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
	HSING-NING AIRFIELD AIRCRAFT -- 18 FARMER, 39 FAGOT/FRESCO, AND 7 MOOSE. (SEE ATTACHMENTS) COMOR [REDACTED]	2409N 11545E	0498	25X1A [REDACTED]	22
25X1A	[REDACTED]				
25X1D	[REDACTED]				
	LIEN-CHENG AIRFIELD AIRCRAFT -- 22 FAGOT/FRESCO AND 1 COLT. EQUIPMENT -- 26 TRUCKS. COMOR [REDACTED]	2540N 11645E	0498	[REDACTED]	29
25X1A	[REDACTED]				
25X1D	[REDACTED]				
	SHUI-KOU AIRFIELD AIRCRAFT -- 1 BEAGLE. COMOR [REDACTED]	2303N 11436E	0614	[REDACTED]	34
25X1A	[REDACTED]				
25X1D	[REDACTED]				
	KUANG-CHOU/FO-SHAN AIRFIELD AIRCRAFT -- 2 FARMER, 23 FRESCO, 10 FAGOT, 1 COLT, AND 1 SMALL STRAIGHT-WING. COMOR [REDACTED]	2305N 11304E	0614	[REDACTED]	2-K
25X1A	[REDACTED]				
25X1D	[REDACTED]				
	KUANG-CHOU/PAI-YUN AIRFIELD AIRCRAFT -- 6 CRATE, 1 CAB, 4 COLT, AND 2 HOUND. COMOR [REDACTED]	2311N 11316E	0614	[REDACTED]	2-N
25X1A	[REDACTED]				
25X1D	[REDACTED]				
	<u>NAVAL</u>				
	NING-PO PORT FACILITIES VESSELS -- 20 PROBABLE PC, 1 PROBABLE PAS- SENGER SHIP, AND 3 MEDIUM FREIGHTERS. COMOR [REDACTED]	2953N 12133E	0492	[REDACTED]	38-B
25X1A	[REDACTED]				
25X1D	[REDACTED]				

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
				25X1A	
25X1D	HOU-SO-CHENG SHIPYARD EAST VESSELS -- 7 P-6-CLASS AND 21 P-4-CLASS PT, 3 YP, 2 AUXILIARY, AND 2 SMALL CRAFT. [REDACTED]	2953N 12201E	0492	[REDACTED]	44-A
25X1A	TA-HSIEH TAO NAVAL BASE VESSELS -- 4 W-CLASS SUBMARINES, 1 TUG, AND 3 SMALL AUXILIARIES.	2953N 12157E	0492	[REDACTED]	44-B
25X1D	COMOR [REDACTED] [REDACTED]			[REDACTED]	
	CHOU-SHAN NAVAL BASE AND SHIPYARD VESSELS -- 2 RIGA-CLASS DE, 3 KRONSTADT-CLASS PC, 1 URURU-CLASS OPF, 1 OPF, 3 T 43-CLASS MSF, 1 POSSIBLE BATHURST-CLASS OPF (PARTIALLY DISMANTLED OFFSHORE), 3 POSSIBLE PC (APPROXI- MATELY 110 FT LONG, 2 UNDER CONSTRUCTION), 7 MK-6-CLASS LCM (3 UNDER CONSTRUCTION), 4 SMALL AUXILIARIES, 2 COASTAL FREIGHTERS, 1 YARD CRAFT, AND NUMEROUS JUNKS AND BARGES.	3000N 12206E	0492	[REDACTED]	34
25X1A	COMOR [REDACTED]			[REDACTED]	
25X1D	[REDACTED]			[REDACTED]	
	CHOU-SHAN NAVAL FACILITY VESSELS -- 12 LCM/LCVP. [REDACTED]	3004N 12159E	0492	[REDACTED]	34-I
25X1D	[REDACTED]			25X1A	
	HUANG-PU NAVAL BASE AND SHIPYARD VESSELS -- 2 POSSIBLE SHANGHAI-CLASS PC, 2 PROBABLE KRONSTADT-CLASS PC, 1 POSSIBLE T-43-CLASS MSF, 2 POSSIBLE P-6, 1 POSSIBLE BRITISH LCT-3-CLASS LCV, 1 US LST 1-CLASS LST, 1 US LSM-1-CLASS LSM, 1 BATHURST-CLASS OPF, AND 2 UNIDENTIFIED VESSELS.	2305N 11325E	0614	[REDACTED]	2-B
25X1A	COMOR [REDACTED]			[REDACTED]	
25X1D	[REDACTED]			[REDACTED]	

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	KUANG-CHOU PORT FACILITIES VESSELS -- 3 LARGE AND 1 SMALL FREIGHTER, AND NUMEROUS BARGES AND SMALL RIVER CRAFT. <u>GROUND</u>	2306N 11314E	0614		2-W
25X1D	HANG-CHOU ARMY BARRACKS WEST EQUIPMENT -- 4 POSSIBLE FA PIECES.	3015N 12003E	0492		55-A
25X1D	HANG-CHOU BARRACKS AREA 6 EQUIPMENT -- 15 PROBABLE FA PIECES.	3020N 12018E	0492		16-G1
25X1A	SHANG-JAO MILITARY COMPLEX EQUIPMENT -- 5 FA PIECES.	2829N 11755E	0493		27-A
25X1D	COMOR			25X1A	
25X1D					
25X1D	HUI-YANG ORDNANCE DEPOT EQUIPMENT -- 11 CARGO TRUCKS.	2305N 11423E	0614		15-A
25X1A	CHOU SHAN MILITARY AREAS EQUIPMENT -- 13 CARGO TRUCKS.	3004N 12209E	0492		34-G
25X1D	HAO-SHIH MILITARY AREAS EQUIPMENT -- AT LEAST 50 CARGO TRUCKS.	2400N 11520E	0498		133

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SECTION III

THIS SECTION PROVIDES ORDER OF BATTLE INFORMATION.

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
	<u>ELECTRONICS</u>			25X1A	
25X1D	NING-PO AIRFIELD RADAR SITES EQUIPMENT -- 1 SCR 270 AND 1 MOON CONE RADAR. [REDACTED]	2948N 12128E	0492	[REDACTED]	38-A1
25X1D	CHU-CHIA CHIEN RADAR SITE EQUIPMENT -- 1 SCR 270 AND 1 PROBABLE MOON CONE RADAR. [REDACTED]	2949N 12224E	0492		60-A
25X1D	NING-PO RADAR SITE EQUIPMENT -- 1 TOKEN-TYPE RADAR. [REDACTED]	3000N 12135E	0492	25X1A	38-G
25X1D	PEI SHAN RADAR SITES EQUIPMENT -- 1 UNIDENTIFIED RADAR. [REDACTED]	2805N 12130E	0492	[REDACTED]	68
25X1D	LU-CHIAO RADAR SITE EQUIPMENT -- 1 MOON CONE RADAR. [REDACTED]	2837N 12129E	0492		22-C
25X1D	NAN-CHIU SHAN RADAR SITES EQUIPMENT -- 1 SCR 270 RADAR. [REDACTED]	2925N 12211E	0492		66-A
25X1D	CHOU-SHAN RADAR SITE EQUIPMENT -- 1 PROBABLE SCR 270 AND 1 POS- SIBLE TOKEN-TYPE RADAR. [REDACTED]	3002N 12214E	0492		34-J

25X1D

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HSING-NING RADAR SITE EQUIPMENT -- 1 TOKEN-TYPE RADAR. [REDACTED]	2405N 11542E	0498		22-B

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-CHINA-

CHANG-CHIAO AIRFIELD 7
CHIA-HSING AIRFIELD 7
CHIU-HUA-HSIEN COMPLEX 2
CHOU-SHAN MILITARY AREAS 10
CHOU-SHAN NAVAL BASE AND SHIPYARD 9
CHOU-SHAN NAVAL FACILITY 9
CHOU-SHAN RADAR SITE 4, 11
CHU-CHIA CHIEN RADAR SITE 2, 11

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HAO-SHIP MILITARY AREAS 3
HAO-SHIH MILITARY AREAS 10
HANG-CHOU AIRFIELD 7
HANG-CHOU ARMY BARRACKS WEST 10
HANG-CHOU BARRACKS AREA 3 3
HANG-CHOU BARRACKS AREA 6 10
HOU-SO-CHENG SHIPYARD EAST 9
HSING-NING AIRFIELD 8
HSING-NING PROBABLE INSTITUTION 2
HSING-NING RADAR SITE 2, 12
HUANG-PU NAVAL BASE AND SHIPYARD 9
HUI-YANG ORDNANCE DEPOT 10
KUANG-CHOU/FO-SHAN AIRFIELD 8
KUANG-CHOU/PAI-YUN AIRFIELD 8
KUANG-CHOU PORT FACILITIES 10
LIEN-CHENG AIRFIELD 8
LU-CHIAO AIRFIELD 7
LU-CHIAO RADAR SITE 1, 11
NAN-CHIU SHAN RADAR SITES 11
NING-PO AIRFIELD RADAR SITES 4, 11
NING-PO PORT FACILITIES 8

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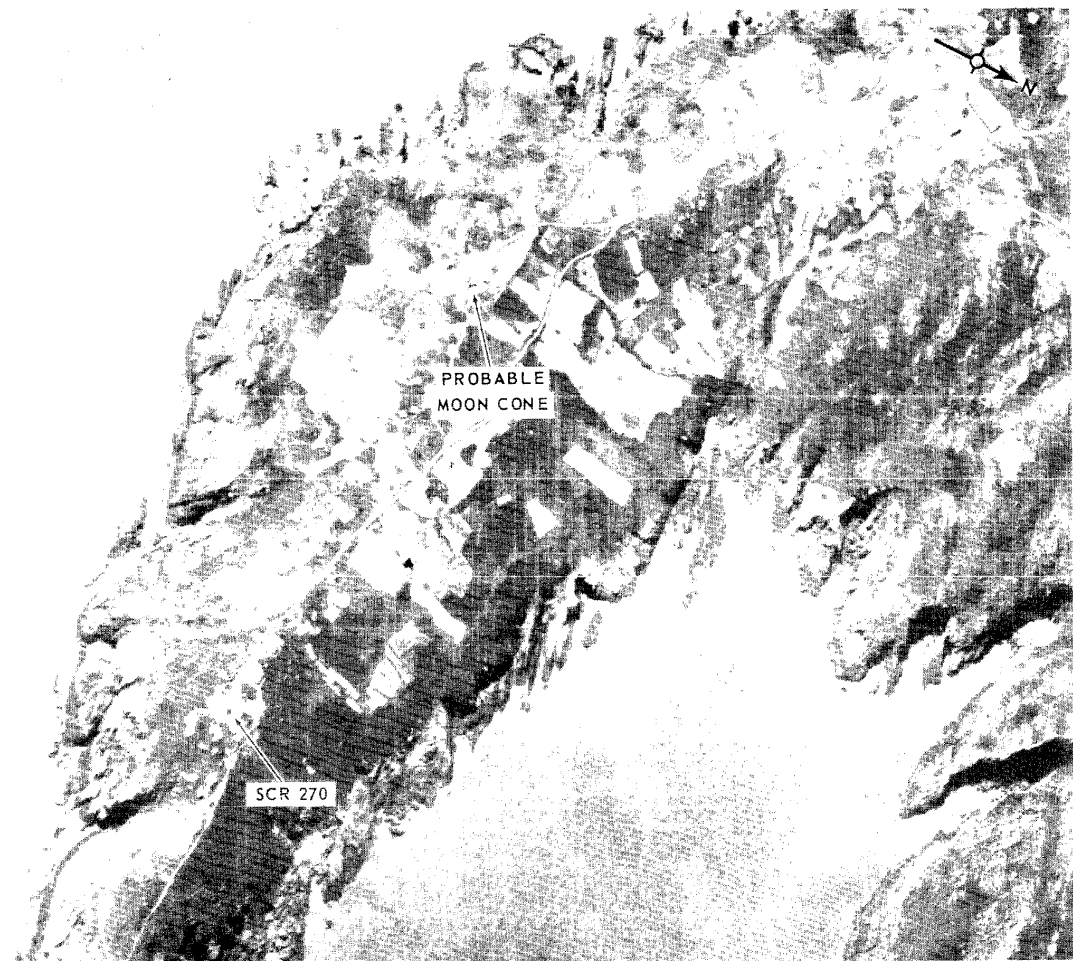
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NING-PO RADAR SITE 11
PEI SHAN RADAR SITES 11
SHANG-JAO MILITARY COMPLEX 10
SHANG-LO-TSUN SUPPLY DEPOT 3
SHUI-KOU AIRFIELD 8
TA-HSIEH TAO NAVAL BASE 9
TUNG-KUAN HYDRO POWERPLANT AN CHIANG 4
YUNG-AN COMPLEX 4

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RADAR SITE CHU-CHIA CHIEN, CHINA.

NPIC K-3902 (9/65)

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HSING-NING AIRFIELD, CHINA

NPIC R-3978 (9/65)

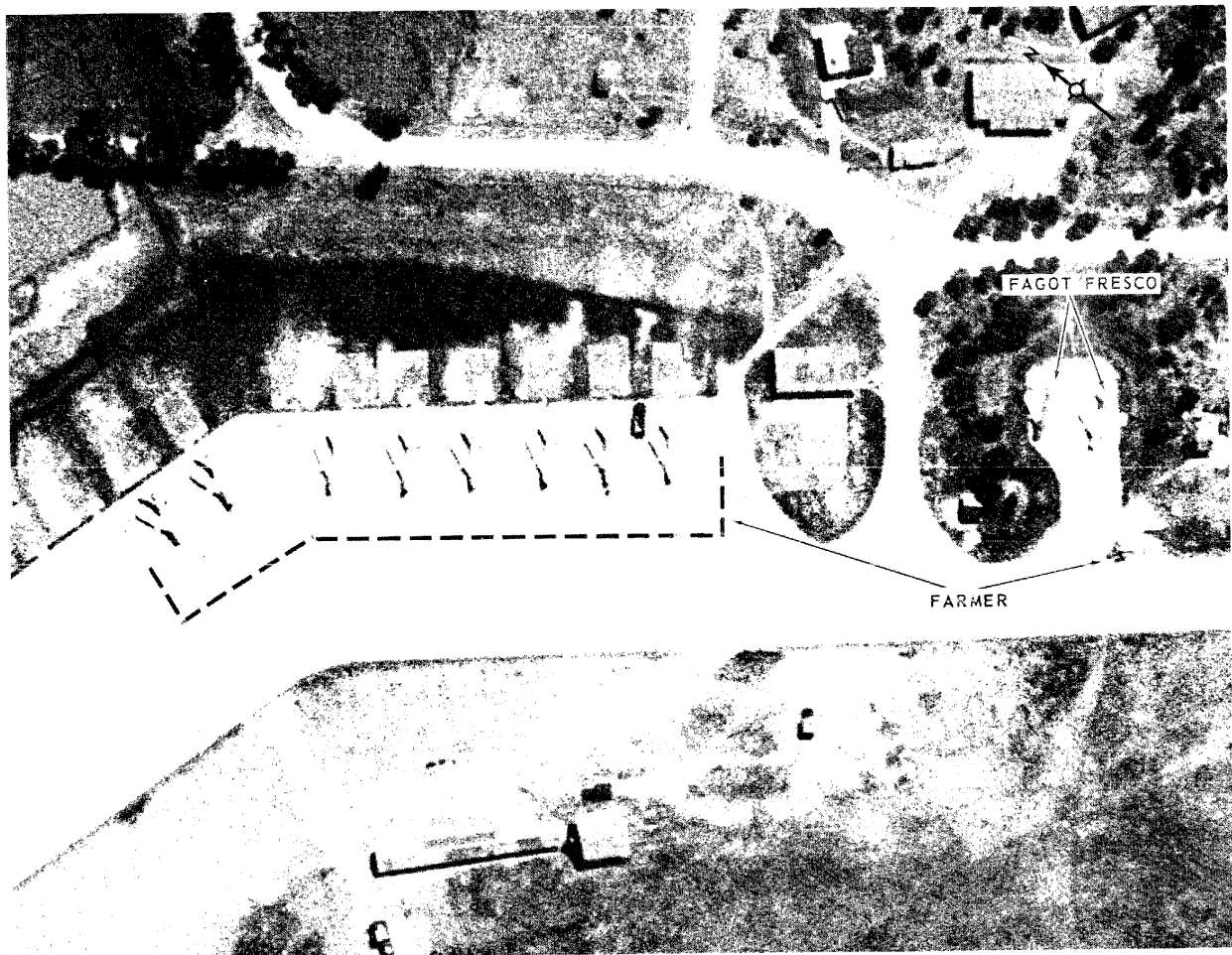
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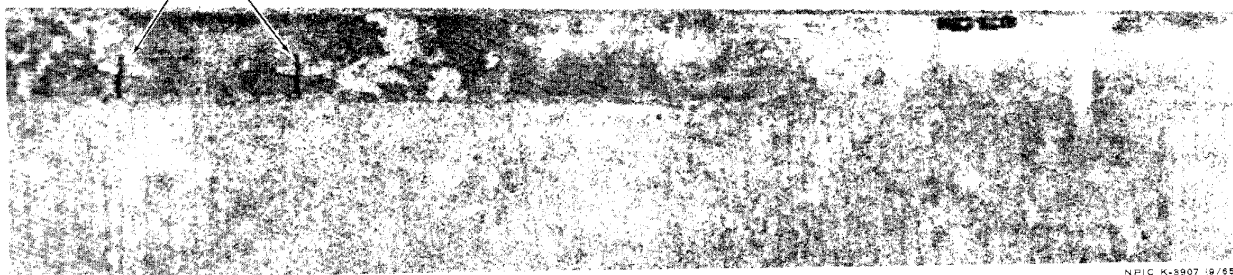
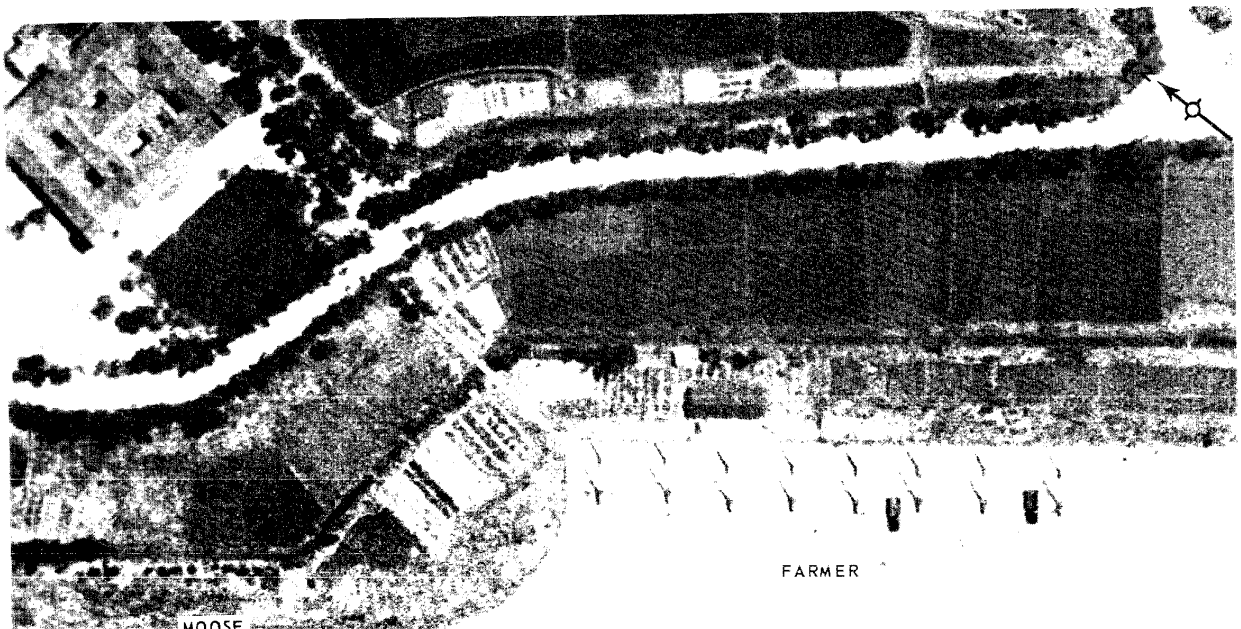
HSING-NING AIRFIELD, CHINA.

NPIC R-3906 (9/65)

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HSING-NING AIRFIELD, CHINA.

NPIC K-5907 (9/65)

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